



TITLE: System and Method ... Farm Management Plan...  
INVENTOR: Gary M. Schneider  
FILING DATE: August 21, 2001  
SERIAL #: 09/934,257 (Atty. # 17385)

- deb

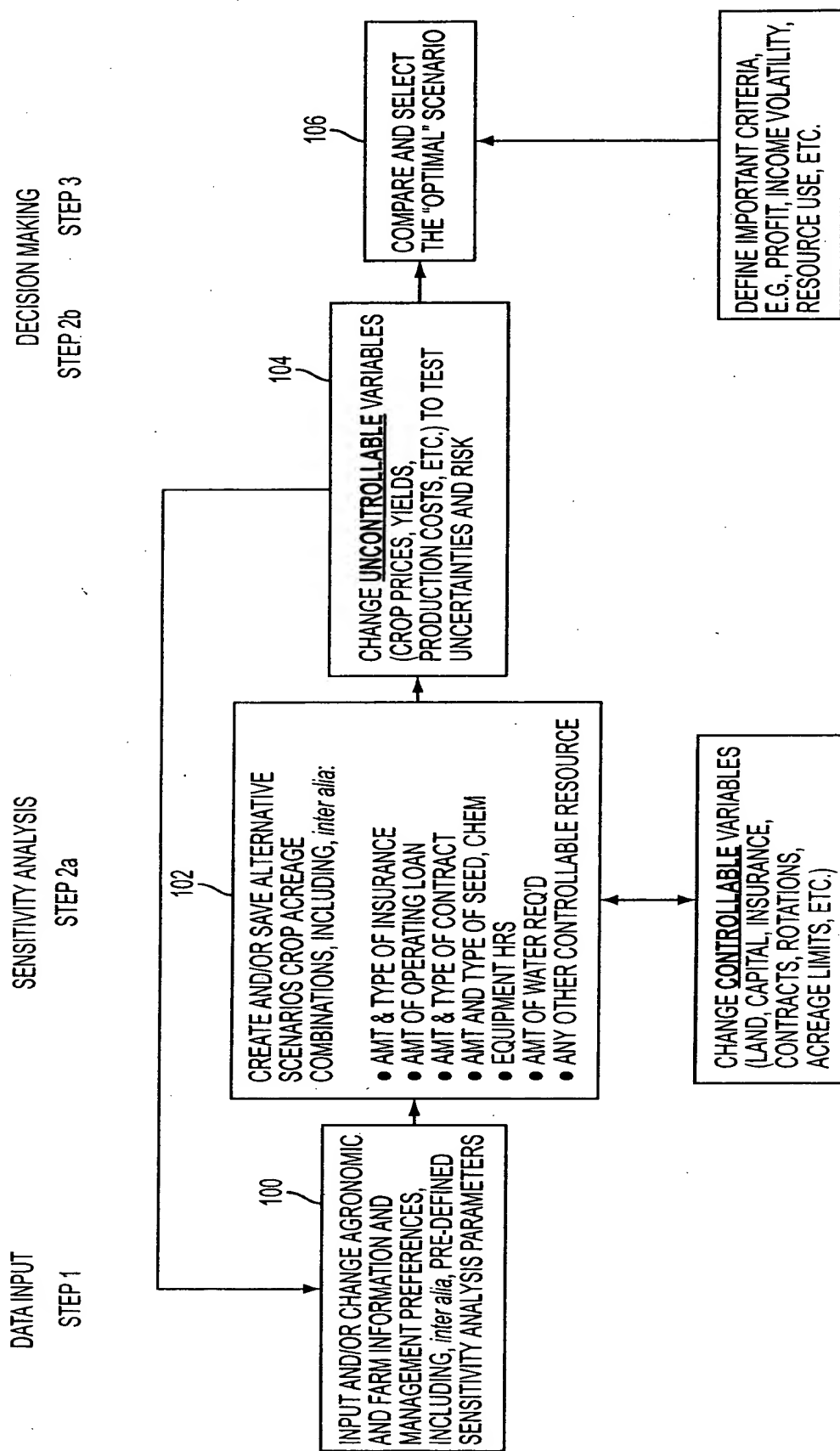
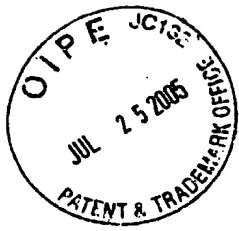


FIG. 1



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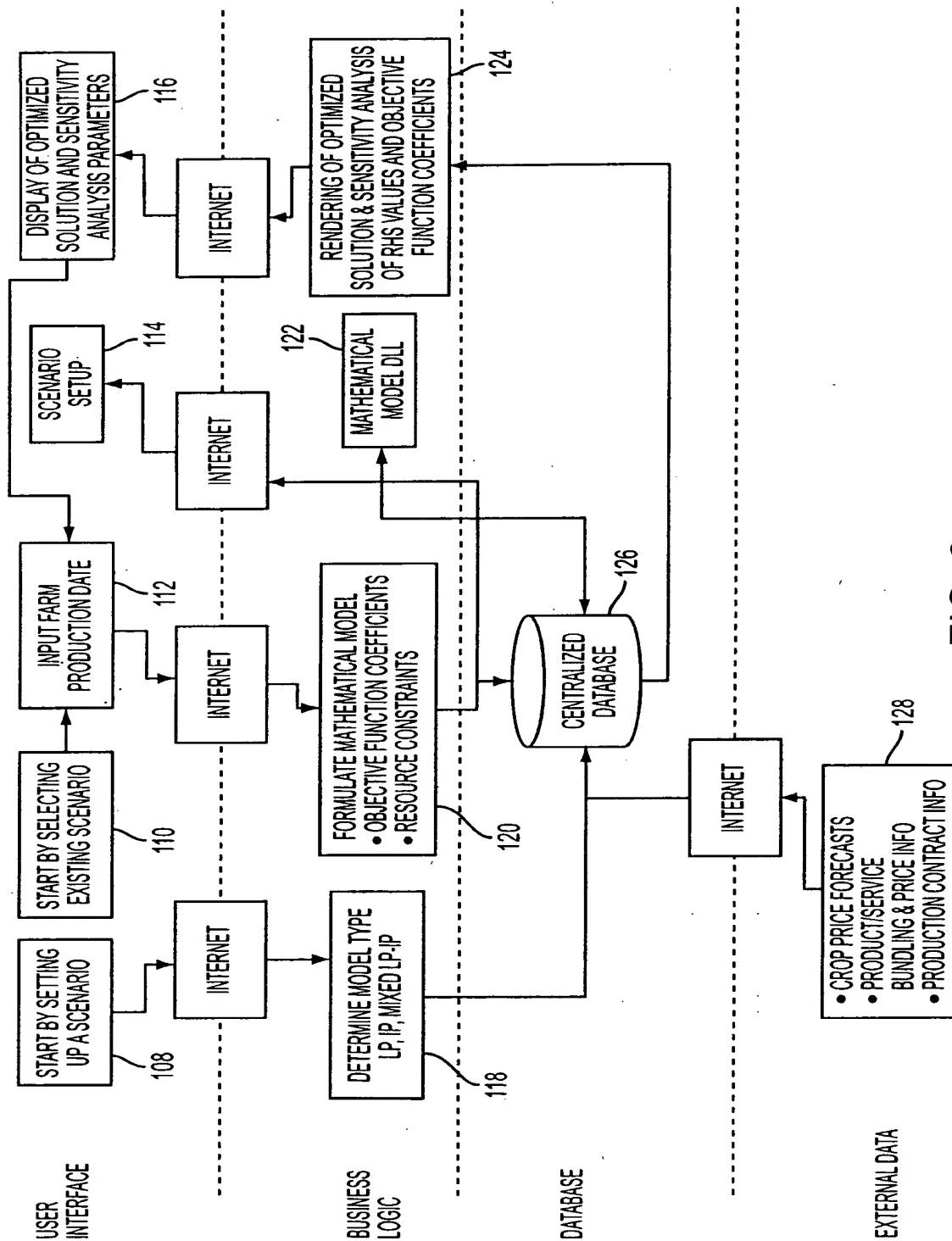


FIG. 2



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Production Planning: New Scenario

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Production Planning: New Scenario

New Scenario from Scratch

New Scenario Name:

Profit Goal for Scenario:

Scenario Description:

Submit

New Scenario from Existing

Existing Scenario: Ken Dalenberg Test

New Scenario Name:

Scenario Description:

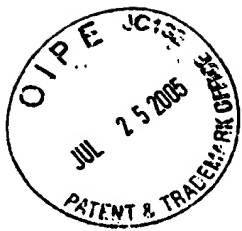
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FIG. 3



TITLE: System and Method ... Farm Management Plan...  
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Scenarios	Description	Add
Ken Dalenberg Test:	<i>Testing Dalenberg Data</i>	
Dup of Ken Dalenberg Test:	<i>Testing full duplication of CMS-based scenario.</i>	
Testing Field Assignments:	<i>How about that!</i>	
Save this scenario	<i>error in addition of Remaining Op Capital</i>	
Garys Scenario	<i>Garys Test Scenario</i>	

FIG. 4

Select Crops	
Cropping programs available for use:	Cropping programs currently selected in this scenario:
<div>Corn Program 1998 Soybean Program 1998</div>	<div><input checked="" type="checkbox"/> Corn Program 1997 <input checked="" type="checkbox"/> Soybean Program 1997 <input checked="" type="checkbox"/> Soiltest Program</div>
26	28
<div>Update Crop List</div>	

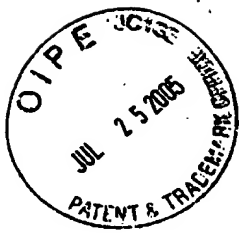
FIG. 5

Figure 3 is a screenshot of a computer screen displaying a "Select Fields" dialog box. The dialog box is divided into two main sections. The top section is titled "Fields available for use:" and contains a list of fields: "Dean: 3800G5", "Dean: 3800G6", "Dean: 3800G7", "Dean: 3800G8", "Dirst: North 80", "Dirst: South 75", "Hodge: Hodge 160", "Howe: Howe", "James: James North 54", and "James: James South 34". The bottom section is titled "Fields currently selected in this scenario:" and contains a list of selected fields: "Bevan: North 80", "Bevan: South 80", "Heartland: Heartland East", "Heartland: Heartland West", "Hodge: Hodge 42", "Hodge: Hodge S 84", "Hume: Hume Back 50", "Hume: Hume Front 40", "Zindars: Zindars East 27", and "Zindars: Zindars West 31". A button labeled "Update Field List" is located at the bottom right of the dialog box. Callout 30 points to the "Fields available for use:" section, and callout 31 points to the "Fields currently selected in this scenario:" section.

FIG. 6

Edit Crop-Field Assignments			
	Corn Program 1997	Soybean Program 1997	Soiltest Program
Bevan: North 80	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bevan: South 80	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Heartland: Heartland East	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Heartland: Heartland West	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hodge: Hodge 42	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hodge: Hodge S 84	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hume: Hume Back 50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hume: Hume Front 40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Zindars: Zindars East 27	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Zindars: Zindars West 31	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

FIG. 7



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Acreage Constraints			
Crop or Group Name	32	Minimum Acreage	Maximum Acreage 34
Corn Program 1997	<input type="checkbox"/>	Enforce: one	<input type="checkbox"/> Enforce: none
Soybean Program 1997	<input type="checkbox"/>	Enforce: one	<input type="checkbox"/> Enforce: none
Soiltest Program	<input type="checkbox"/>	Enforce: one	<input type="checkbox"/> Enforce: none
Corn Group	<input checked="" type="checkbox"/>	Enforce: 50	<input type="checkbox"/> Enforce: none
Soybean Group	<input checked="" type="checkbox"/>	Enforce: 50	<input type="checkbox"/> Enforce: none

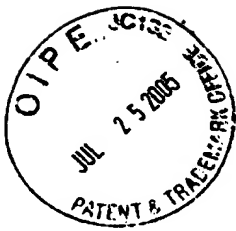
36

Save Changes

FIG. 8

Add Crop Group	
Group Name:	<input type="text"/>
Crops available:	Crops currently selected in this group:
<div>Corn Program 1997 Soybean Program 1997 Corn Program 1998 Soybean Program 1998 Soiltest Program</div>	<div><input type="button" value="➤"/> <input type="button" value="➤"/> <input type="button" value="➤"/> <input type="button" value="➤"/> <input type="button" value="➤"/></div> <div></div>
<div>Save Group</div>	

FIG. 9



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Add Contract	
Contract Name:	<input type="text"/>
Contract Crop:	<input type="text" value="Corn Program 1997"/> 38
Contract Price:	<input type="text"/>
Contract Quantity (Acres):	<input type="text"/>
Is this a firm contract?	<input type="text" value="Yes"/>
Upper Bound on Contract Quantity:	<input type="text" value="20"/>
<input type="button" value="Save Contract"/>	

FIG. 10

Select Resource	
Resources you have used in other scenarios:	Resources currently selected in this scenario:
<div>Storage</div>	<div><div>Operating Capital 40</div><div>Land 42</div><div>Water</div></div>
<input type="button" value="Update Resource List"/>	

Add a Resource	
New resource name:	<input type="text"/>
Amount of resource available:	<input type="text"/>
New resource UOM:	<input type="text"/>
<input type="button" value="Add to Resource List"/>	

FIG. 11



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Water: Availability	
Amount of Water available	<input type="text" value="150000"/>

Water: Usage	
Amount of Water used by Corn Program 1997	<input type="text" value="175"/>
Amount of Water used by Soybean Program 1997	<input type="text" value="200"/>
Amount of Water used by Soiltest Program	<input type="text" value="0"/>

FIG. 12

Edit Field Differences		
Field:	<input type="text" value="Hodge: Hodge 42"/>	
Crop Program:	<input type="text" value="Corn Program 1997"/>	
Resource	Default Value	Override
Water	175	<input type="text" value="175"/>
Storage	140	<input type="text" value="140"/>

FIG. 13





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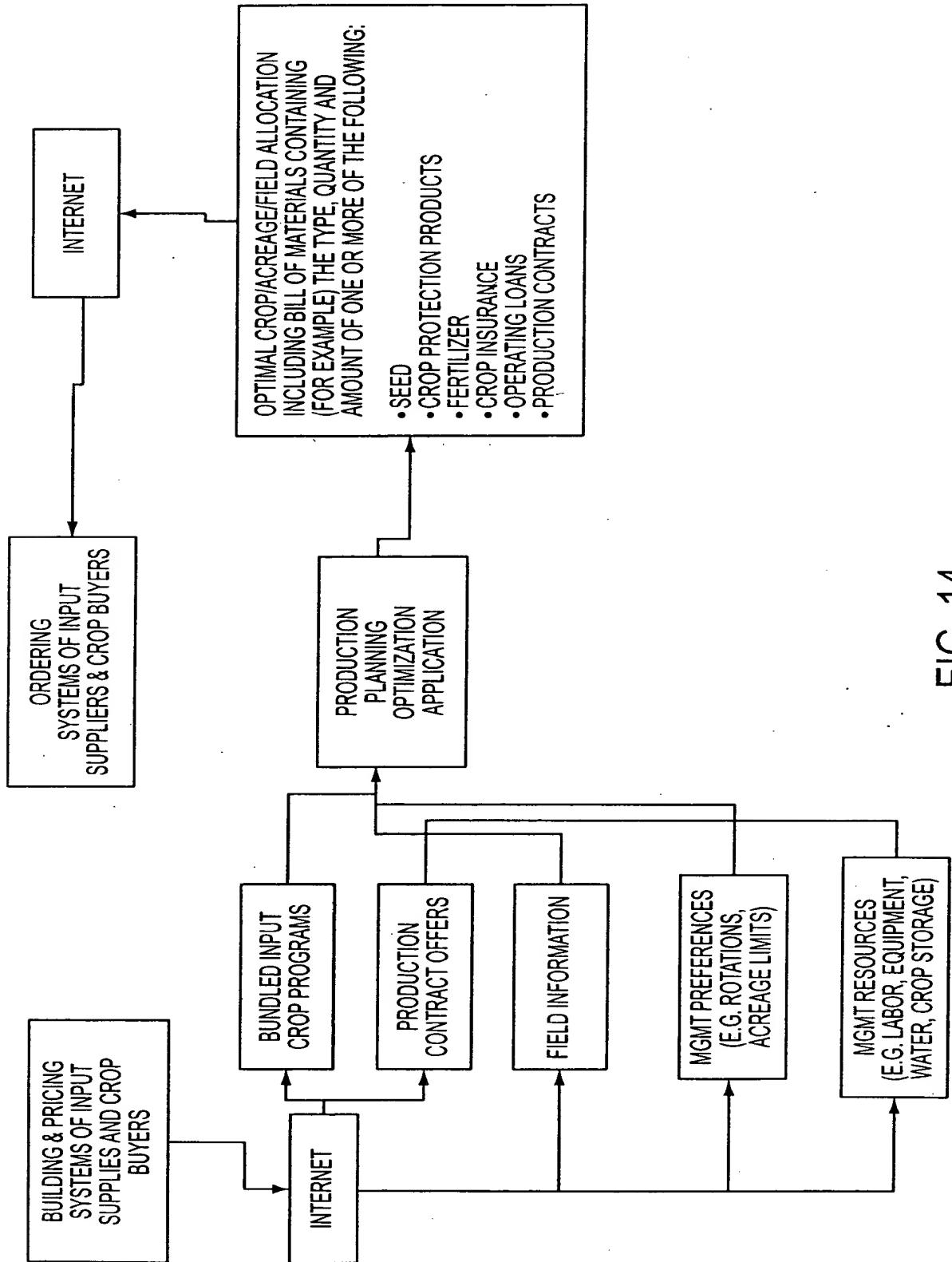


FIG. 14



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Crop Programs					Add / Remove
Name	Price	Yield	Product Cost	Gross Income per Acre	
Corn Program 1997	\$2.80	155	\$300.00	\$134.00	
Soybean Program 1997	\$5.15	49	\$215.00	\$37.35	
Corn Program 1990	\$2.90	165	\$320.00	\$159.50	
Soybean Program 1990	\$5.20	44	\$210.00	\$18.80	

Fields		Crop Rotations	Add / Remove
Name	Size		
Bevan: North 80	80		
Dean: 3800G8	51		
Dean: 3800G5	81		
Dirst: South 75	76		
Heartland: Heartland West	44		
Heartland: Heartland East	30		
Howe: Howe	79		

Acreage Constraints				Edit	Add / Remove Group
Name	Min	Max	Internet zone		
Corn Program 1997	20	90			
Total Crop	no minimum	200			

Crop Contracts				Add / Remove
Name (Crop)	Price	Quantity	Firm	

Resources		Crop-Resource Usage	Field Differences	Add / Remove
Name	Available			
Operating Capital	\$508,000.00			
Land	441			

FIG. 15

Crop Programs						Add / Remove
Name	Acres	Price	Yield	Prod Cost	Gross Income	
Corn Program 1997	30	\$2.80	155	\$300.00	\$4,020.00	
Soybean Program 1997	250	\$5.15	49	\$215.00	\$9,337.50	
Corn Program 1998	161	\$2.90	165	\$320.00	\$25,518.50	
Soybean Program 1998	0	\$5.20	44	\$210.00	\$0.00	

Fields			Crop Rotations	Add / Remove
Name	Size	Crop Planted		
Bevan: North 80	80	Corn Program 1998		
Dean: 3800G8	51	Soybean Program 1997		
Dean: 3800G5	81	Corn Program 1998		
Dirst: South 75	76	Soybean Program 1997		
Heartland: Heartland West	44	Soybean Program 1997		
Heartland: Heartland East	30	Corn Program 1997		
Howe: Howe	79	Soybean Program 1997		

Limits		Edit	Add / Remove Group
Name	Limit		
Corn Program 1997	more than 20 acres		
Corn Program 1997	less than 90 acres		
Total Crop	less than 200 acres		

Contracts		Add / Remove
Name (Crop)	Filled	Gross Income

Resources			Crop-Resource Usage	Field Differences	Add / Remove
Name	Used	Unused			
Operating Capital	\$114,270.00	\$385,730.00			
Land	441	0			

FIG. 16



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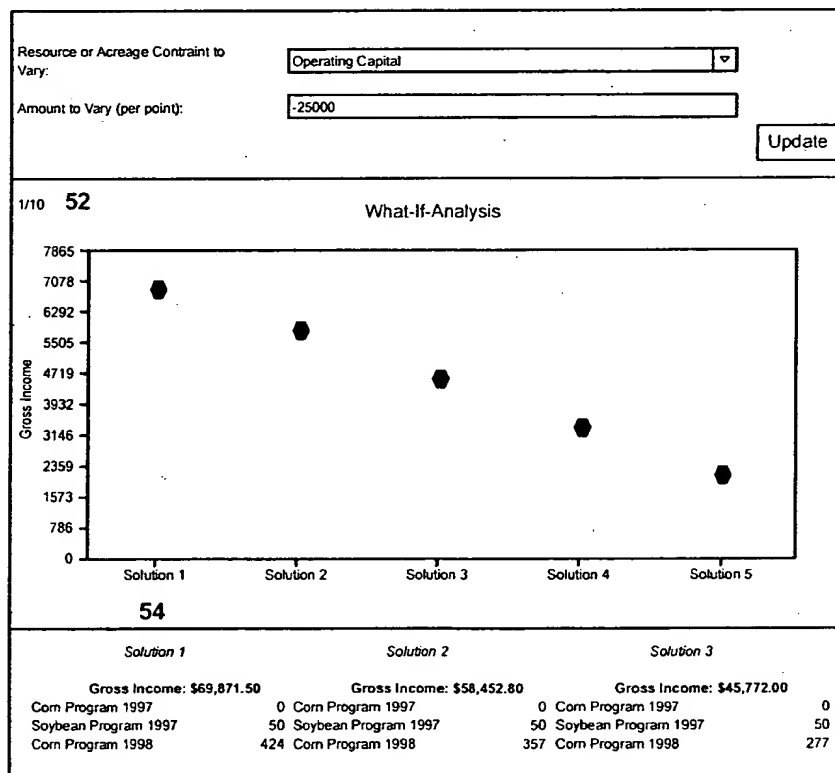
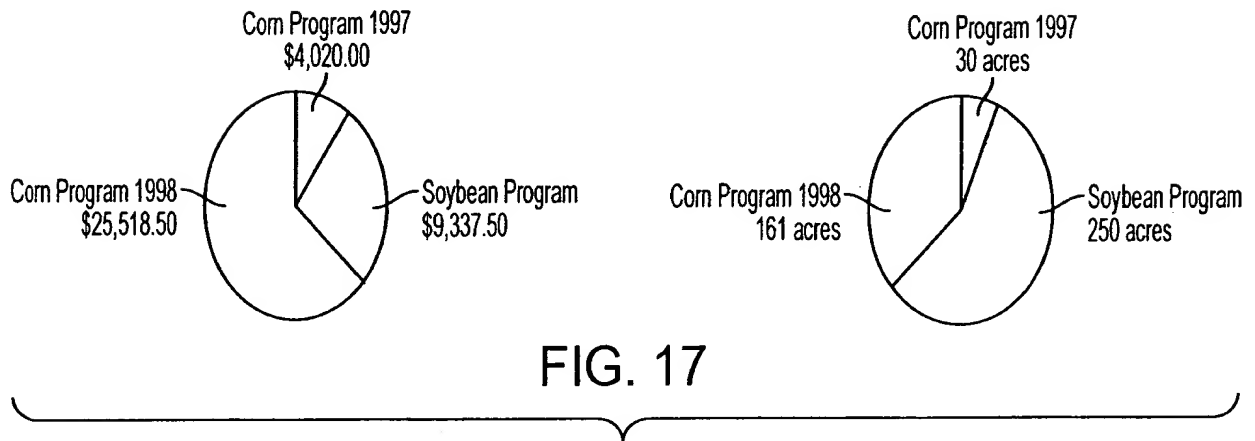


FIG. 18



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<p><b>Scenario 1:</b>  <input type="text" value="Ken Dalenberg Test"/> ▾</p> <p>Gross Profit: \$29,078.45</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Crops</th> </tr> <tr> <th>Name</th> <th>Acres</th> <th>Net Profit</th> </tr> </thead> <tbody> <tr> <td>Corn Program 1997</td> <td>40</td> <td>\$5,360.00</td> </tr> <tr> <td>Soybean Program 1997</td> <td>515</td> <td>\$19,235.25</td> </tr> <tr> <td>Soybean Program 1998</td> <td>0</td> <td>\$0.00</td> </tr> <tr> <td>Soiltest Program</td> <td>0</td> <td>\$0.00</td> </tr> <tr> <td>Kens Soybean Contract (Soybean Program 1997)</td> <td>0</td> <td>\$0.00</td> </tr> <tr> <td>Test Contract (Soybean Program 1997)</td> <td>24</td> <td>\$4,483.20</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Fields</th> </tr> <tr> <th>Name</th> <th>Size</th> <th>Crop Planted</th> </tr> </thead> <tbody> <tr> <td>Bevan: North 80</td> <td>80</td> <td>Soybean Program 1997</td> </tr> <tr> <td>Bevan: South 80</td> <td>81</td> <td>Soybean Program 1997</td> </tr> <tr> <td>Dean: 3800G5</td> <td>81</td> <td>Soybean Program 1997</td> </tr> <tr> <td>Heartland:</td> <td>44</td> <td>Soybean Program 1997</td> </tr> <tr> <td>Heartland West</td> <td></td> <td></td> </tr> <tr> <td>Heartland:</td> <td>30</td> <td>Soybean Program 1997</td> </tr> <tr> <td>Heartland East</td> <td></td> <td></td> </tr> <tr> <td>Hodge: Hodge 42</td> <td>40</td> <td>Corn Program 1997</td> </tr> <tr> <td>Hodge: Hodge S 84</td> <td>82</td> <td>Soybean Program 1997</td> </tr> <tr> <td>Hume: Hume Back 50</td> <td>50</td> <td>Soybean Program 1997</td> </tr> <tr> <td>Hume: Hume Front 40</td> <td>38</td> <td>Soybean Program 1997</td> </tr> <tr> <td>Zindars: Zindars</td> <td>29</td> <td>Soybean Program 1997</td> </tr> </tbody> </table>	Crops			Name	Acres	Net Profit	Corn Program 1997	40	\$5,360.00	Soybean Program 1997	515	\$19,235.25	Soybean Program 1998	0	\$0.00	Soiltest Program	0	\$0.00	Kens Soybean Contract (Soybean Program 1997)	0	\$0.00	Test Contract (Soybean Program 1997)	24	\$4,483.20	Fields			Name	Size	Crop Planted	Bevan: North 80	80	Soybean Program 1997	Bevan: South 80	81	Soybean Program 1997	Dean: 3800G5	81	Soybean Program 1997	Heartland:	44	Soybean Program 1997	Heartland West			Heartland:	30	Soybean Program 1997	Heartland East			Hodge: Hodge 42	40	Corn Program 1997	Hodge: Hodge S 84	82	Soybean Program 1997	Hume: Hume Back 50	50	Soybean Program 1997	Hume: Hume Front 40	38	Soybean Program 1997	Zindars: Zindars	29	Soybean Program 1997	<p><b>Scenario 2:</b>  <input type="text" value="Dup of Ken Dalenberg Test"/> ▾</p> <p>Gross Profit: \$61,899.50</p> <table border="1" style="width: 100%; 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FIG. 19

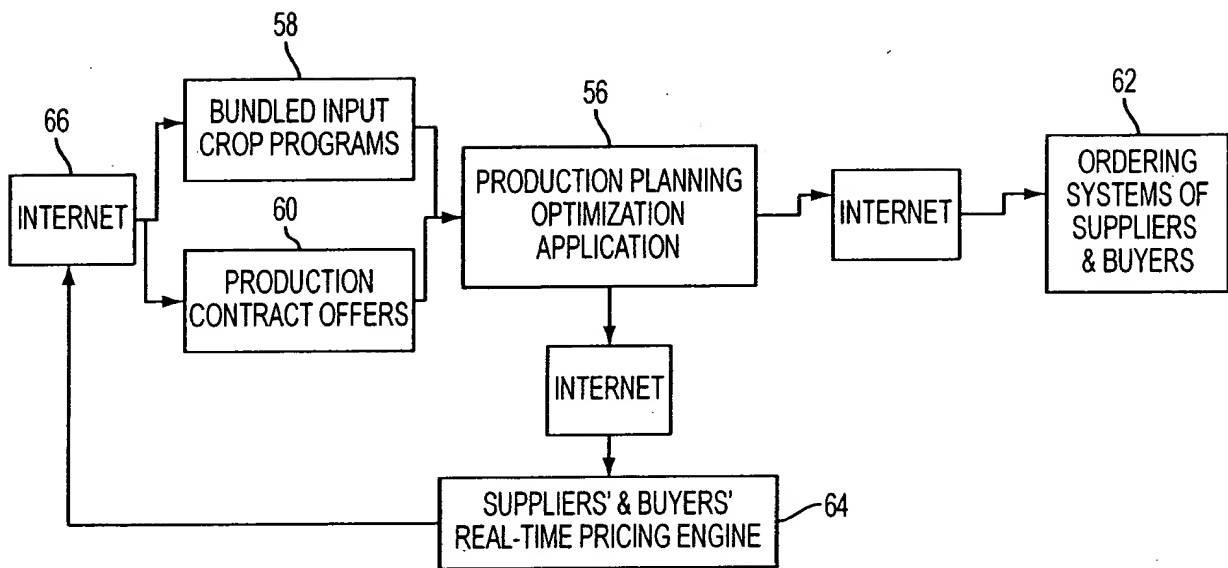


FIG. 20



Production Planning: New Scenario

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Production Planning: New Scenario

HELP

**New Scenario from Scratch**

New Scenario Name:  22

Profit Goal for Scenario:  20

Scenario Description:  24

Submit

**New Scenario from Existing**

Existing Scenario:  23

New Scenario Name:

Scenario Description:

Submit

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FIGURE 3

Best Available Copy